

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A messaging system, comprising:
 - a client device having stored therein a client application adapted to be executed by said client device;
 - a server having stored therein a server application adapted to be executed by said server;
 - a plurality of wireless networks adapted to communicate messages between said client device and said server and to support one or more wireless network protocols;
 - a protocol gateway to encapsulate a fundamental network protocol ~~underlining~~ underlying each of said one or more wireless network protocols; and
 - a communicator to communicate a message between said client application and said server application, over a selected one of said one or more wireless network protocols through said protocol gateway, said selected wireless network protocol being different from ~~independent of~~ said selected wireless network protocol; ~~wherein said protocol gateway is clustered with at least one other protocol gateway for at least one of redundancy, scalability, and load balancing for access by said client application through a single virtual Internet Protocol (IP) address~~

wherein said protocol gateway encapsulates said fundamental network protocol such that an encapsulation protocol is transparent to said client application and to said server application.
2. (previously presented) The messaging system according to claim 1, further comprising:
 - at least one message router for routing said message between said protocol gateway and said server.

3. (previously presented) The messaging system according to claim 2, wherein:

said message router further comprises means for authenticating an origin of said message.

4. (previously presented) The messaging system according to claim 3, wherein:

said authenticating means authenticates said origin before said message is routed by said message router.

5. (previously presented) The messaging system according to claim 3, further comprising:

a database accessible by said message router and adapted to store information relating to routing and authentication of said message.

6. (previously presented) The messaging system according to claim 1, further comprising:

an HTTP proxy server adapted to receive a plurality of HTTP requests from said client device, send each said request over an Internet to said server, and transmit a response corresponding thereto from said server to said client device.

7. (previously presented) The messaging system according to claim 6, wherein:

said HTTP proxy server is adapted to support one or more HTTP protocols.

8. (original) The messaging system according to claim 6, wherein said HTTP proxy server comprises:

means for creating a TCP/IP socket connection; and

means for managing said TCP/IP socket connection.

9. (previously presented) The messaging system according to claim 1, further comprising:

an SNMP manager.

10. (previously presented) The messaging system according to claim 1, further comprising:

means for defining a maximum segment size;

means for determining if said message exceeds said maximum segment size; and

means for segmenting said message into a plurality of message segments, none of said plurality of message segments exceeds said maximum segment size.

11. (previously presented) The messaging system according to claim 1, further comprising:

means for supporting a message retry in each of said wireless network protocols.

12. (previously presented) The messaging system according to claim 1, further comprising:

means for supporting a message ACK/NACK service in each of said wireless network protocols.

13. (currently amended) A method of communicating a message between a client device having stored therein a client application adapted to be executed by said client device and a server having stored therein a server application adapted to be executed by said server over a plurality of wireless networks, each of said plurality of wireless networks ~~is~~ being adapted to support one or more wireless network protocols, said method comprising:

providing a protocol gateway to encapsulate a fundamental network protocol ~~underlining~~ underlying each of said one or more wireless network protocols; and

communicating said message between said client application and said server application, over a selected one of said one or more wireless network protocols through said protocol gateway, said selected wireless network protocol being different from independent of said selected wireless network protocol; ~~and clustering said protocol gateway with at least one other protocol gateway for at least one of redundancy, scalability, and load balancing for access by said client application through a single virtual Internet Protocol (IP) address~~

wherein said protocol gateway encapsulates said fundamental network protocol such that an encapsulation protocol is transparent to said client application and to said server application.

14. (previously presented) The method according to claim 13, further comprising:

providing at least one message router for routing said message between said protocol gateway and said server.

15. (previously presented) The method according to claim 14, further comprising:

authenticating an origin of said message.

16. (previously presented) The method according to claim 15, wherein:

said authenticating step is performed before said message is routed by said message router.

17. (previously presented) The method according to claim 15, further comprising:

providing a database accessible by said message router; and

storing in said database information relating to routing and authentication of said message.

18. (previously presented) The method according to claim 13, further comprising:

providing an HTTP proxy server adapted to receive a plurality of HTTP requests from said client device;

sending each said HTTP request received by said HTTP proxy server over an Internet to said server; and

transmitting a response corresponding to each said request from said server through said HTTP proxy server to said client device.

19. (previously presented) The method according to claim 18, further comprising:

adapting said HTTP proxy server to support one or more HTTP protocols.

20. (previously presented) The method according to claim 18, further comprising:

creating a TCP/IP socket connection with said HTTP proxy server; and

managing said TCP/IP socket connection with said HTTP proxy server.

21. (previously presented) The method according to claim 13, further comprising:

defining a maximum segment size;

determining if said message exceeds said maximum segment size;

and

segmenting said message into a plurality of message segments not exceeding said maximum segment size.

22. (previously presented) The method according to claim 13, further comprising:

supporting a message retry in each of said wireless network protocols.

23. (previously presented) The method according to claim 13, further comprising:

supporting a message ACK/NACK service in each of said wireless network protocols.

24-39. (canceled)

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